

Micro Commercial Components

Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

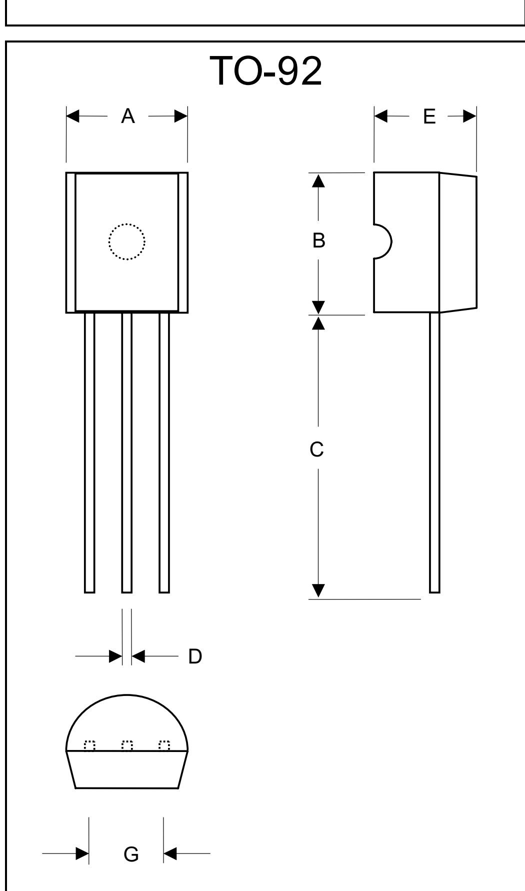
S9015-B
S9015-C
S9015-D

PNP Silicon Transistors

Features

- TO-92 Plastic-Encapsulate Transistors
- Capable of 0.45Watts(Tamb=25^{O}C) of Power Dissipation.
- Collector-current -0.1A
- Collector-base Voltage -50V
- Operating and storage junction temperature range: -55^{O}C to +150^{O}C
- Marking: S9015
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisure Sensitivity Level 1

C B E



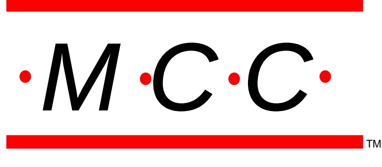
DIM	INCHES MIN	INCHES MAX	MM MIN	MM MAX	NOTE
A	.170	.190	4.33	4.83	
B	.170	.190	4.30	4.83	
C	.550	.590	13.97	14.97	
D	.010	.020	0.36	0.56	
E	.130	.160	3.30	3.96	
G	.096	.104	2.44	2.64	

Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Max	Units
OFF CHARACTERISTICS				
$V_{(BR)CBO}$	Collector-Base Breakdown Voltage (I_C= -100uAdc, I_E=0)	-50	---	Vdc
$V_{(BR)CEO}$	Collector-Emitter Breakdown Voltage (I_C= -1.0mAdc, I_B=0)	-45	---	Vdc
$V_{(BR)EBO}$	Emitter-Base Breakdown Voltage (I_E= -100uAdc, I_C=0)	-5.0	---	Vdc
I_{CBO}	Collector Cutoff Current (V_{CB}= -50Vdc, I_E=0)	---	-0.05	uAdc
I_{EBO}	Emitter Cutoff Current (V_{EB}= -5.0Vdc, I_C=0)	---	-0.05	uAdc
ON CHARACTERISTICS				
h_{FE}	DC Current Gain (I_C= -1.0mAdc, V_{CE}= -5.0Vdc)	60	1000	---
$V_{CE(sat)}$	Collector-Emitter Saturation Voltage (I_C= -100mAdc, I_B= -10mAdc)	---	-0.3	Vdc
$V_{BE(sat)}$	Base-Emitter Saturation Voltage (I_C= -100mAdc, I_B= -10mAdc)	---	-1.0	Vdc
SMALL-SIGNAL CHARACTERISTICS				
f_T	Transistor Frequency (I_C=-10mAdc, V_{CE}=-5.0Vdc, f=30MHz)	150	---	MHz

CLASSIFICATION OF H_{FE}

Rank	B	C	D
Range	100-300	200-600	400-1000



Micro Commercial Components

Ordering Information :

Device	Packing
Part Number-AP	Ammo Packing: 20Kpcs/Carton
Part Number-BP	Bulk: 100Kpcs/Carton

IMPORTANT NOTICE
Micro Commercial Components Corp. reserves the right to make changes without further notice to any product herein to make corrections, modifications , enhancements , improvements , or other changes . ***Micro Commercial Components Corp .*** does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights ,nor the rights of others . The user of products in such applications shall assume all risks of such use and will agree to hold ***Micro Commercial Components Corp .*** and all the companies whose products are represented on our website, harmless against all damages.
*****LIFE SUPPORT*****
MCC's products are not authorized for use as critical components in life support devices or systems without the express written approval of Micro Commercial Components Corporation.
*****CUSTOMER AWARENESS*****
Counterfeiting of semiconductor parts is a growing problem in the industry. Micro Commercial Components (MCC) is taking strong measures to protect ourselves and our customers from the proliferation of counterfeit parts. MCC strongly encourages customers to purchase MCC parts either directly from MCC or from Authorized MCC Distributors who are listed by country on our web page cited below. Products customers buy either from MCC directly or from Authorized MCC Distributors are genuine parts, have full traceability, meet MCC's quality standards for handling and storage. **MCC will not provide any warranty coverage or other assistance for parts bought from Unauthorized Sources.** MCC is committed to combat this global problem and encourage our customers to do their part in stopping this practice by buying direct or from authorized distributors.